

Los Angeles County Flood Control District

REPORT ON REQUEST OF DEFENSE PLANT CORPORATION ( ACTING BY AND THROUGH THE SHELL CHEMICAL COMPANY) FOR A PERMIT TO CONSTRUCT A SUSPENSION PIPE BRIDGE ACROSS THE DOMINGUEZ CHANNEL APPROXIMATELY 2,400 FEET ABOVE AVALON BOULEVARD

Permit Application No. 43033

A. B. Collins  
April 7, 1943

In a letter dated March 31, 1943, the Stone & Webster Engineering Corporation acting as agent for the Defense Plant Corporation, which is acting by and through the Shell Chemical Company, requested a permit to construct a suspension pipe bridge across the Dominguez Channel at about 2,400 feet above Avalon Boulevard. Their Drawing FD-158 (FC No. = 28 FD 35) was submitted with the application.

*lost - replaced by 28 FD 35*  
The Stone & Webster Engineering Corporation is the contractor for the construction of the pipe line which in turn is to be subcontracted by the Pacific Pipe Line Construction Company. The structure is in connection with a war unit and expedition is required. The application fee of \$10.00 was paid on April 1, 1943.

The plan and request was submitted to the District's Design Division for analysis and the following memo resulted:

April 3, 1943

To: W. B. Ream  
From: W. H. McMillen

Re: Dominguez Channel near Avalon Blvd. Request to build suspension bridge for pipes. Defense Plant Corporation (The Shell Chemical Co.) by Stone & Webster Engineering Corpn.

With the exception of the following comments, the proposed work shown on the attached drawing No. FD-158 is satisfactory to this department. This bridge conforms with requirements for "Minimum Relief Plans" but not to "Ultimate Plans".

The elevation governing the clearance between the water surface and the bottom of the proposed bridge is not shown on the preliminary print submitted to us by the Stone Webster Company. This elevation shall not be less than 15.0 U.S.G.S. datum.

The District has a 225 foot easement along this section of the channel upon which the recently excavated minimum relief channel has been constructed.

TORRANCE  
SP-0012230

PROOF READ	
Read by	<i>M. A.</i>
Checked by	<i>M. F.</i>
Date	<i>8-26-46</i>

Defense Plant Corporation (Acting by and  
through the Shell Oil Chemical Company)  
P.A. No. 43033  
A. B. Collins  
April 7, 1943  
Page 2

Recommendation:

In accordance with the memo from the Design Division and since no District interests or functions will be jeopardized by the suspension bridge, it is recommended that the Board of Supervisors be requested to grant a permit for the purpose outlined above subject to the general and the following specific provisions:

1. The bottom of the proposed bridge shall not be constructed below 15 feet U.S.G.S. datum.
2. The construction of the suspension bridge shall be in accordance with the approved construction methods under the District's supervision insofar as the District's right of way is concerned.

Stream: Dominguez Channel  
Date issued: After Board of Supervisor's approval  
Name: Defense Plant Corporation  
(Acting by and through the  
Shell Chemical Company)

File No. 72  
Permit No. 43033  
Expires: Upon 60 days  
written notice

Construct a suspension pipe bridge across the Dominguez Channel approximately 2,400 feet above Avalon Boulevard, as per application dated March 31, 1943 and Drawing No. FD 158 submitted therewith

Authority: Date of Board's approval Specific Provisions: See above

By: N. B. Hodgkinson, Division Engineer

Fees: Application \$10.00 Paid Annual None. Supervision & Inspection \$10.00

Notify: Mr. Ray S. Whitehead Station 3251

References:

Letter No. 978 dated March 31, 1943, Stone & Webster Engineering Corporation, P. O. Box 271, Gardena, California.  
(Defense Plant Corporation, acting by and through the Shell Chemical Company, by Stone & Webster Engineering Corp., Agent, By H. C. LaVille, Superintendent of Construction)

FD 158 = Applicant's Dwg. Number  
28 FD 35 = Flood Control Filing Number

TORRANCE  
SP-0012231

ABC:ALF/A

Letter No. 978  
Copied by MWA August 26, 1946

P.A. No. 43033

PROOF READ	
Read by	<u>M. A.</u>
Checked by	<u>M. A.</u>
Date	<u>8-26-46</u>